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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number

10/640,624

Filing Date

08/13/2003

First Named Inventor

HENRY MICHAELS BEISNER

Art Unit

3662

Examiner Name

BRIAN K. ANDREA

Total Number of Pages in This Submission

105

Attorney Docket Number

ENCLOSURES (Check all that apply)

- ☒ Fee Transmittal Form
☒ Fee Attached
☒ Amendment/Reply
☐ After Final
☐ Affidavits/declaration(s)
☒ Extension of Time Request
☐ Express Abandonment Request
☐ Information Disclosure Statement
☐ Certified Copy of Priority Document(s)
☐ Response to Missing Parts/Incomplete Application
☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☒ Drawing(s)
☐ Licensing-related Papers
☐ Petition
☐ Petition to Convert to a Provisional Application
☐ Power of Attorney, Revocation
☐ Change of Correspondence Address
☐ Terminal Disclaimer
☐ Request for Refund
☐ CD, Number of CD(s) _____

- ☐ After Allowance communication to Group
☐ Appeal Communication to Board of Appeals and Interferences
☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
☐ Proprietary Information

- ☒ Status Letter
☒ Other Enclosure(s) (please identify below):
1) CLEAN AMENDED SPECIFICATION
2) MARKED UP COPY
3) RETURN RECEIPT POST CARD
4) BOOK BY HAYES
5) PAPER BY MARQUARDT

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

HENRY MICHAELS BEISNER

Signature

Henry Michaels Beisner

Date

09/18/2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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HENRY MICHAELS BEISNER

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Henry Michaels Beisner

Date

09/20/2004

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Applicant : Henry Michaels Beisner
Appl. No. : 10/640,624
Filed : 08/13/2003
Title : Adaptive Filter to Reduce Multipath
Grp./A.U. : 3662
Examiner : Brian K. Andrea

Honorable Commissioner for Patents

Washington, DC 20231

AMENDMENT

Sir:

Please amend the above identified application according to the enclosed clean copy of the Amended Specification. Also enclosed is a marked up copy with deleted material underlined and added material bracketed { }. In addition, enclosed is a reference: the book entitled "Digital Signal Processing" by Monson H. Hayes, a Schaum's Outline by McGraw-Hill 1999. Also enclosed is the reference: "An Algorithm for Least-Squares Estimation of Nonlinear Parameters," by D. W. Marquardt.

The claims have been renumbered 1 - 6, in keeping with the examiner's paragraphs 1. and 2.

In paragraph 3, the examiner says that essential matter cannot be incorporated by reference. All references are non-essential. The examiner says that non-patent literature may not be incorporated by reference. The MPEP does not say this.

The language of the examiner in paragraphs 5 and 9 is incomprehensible because it is contradictory. In paragraph 5, the examiner says, "the specification is enabling for the language: a whitening filter with complex coefficients ... and an array of complex delay-Doppler shift coefficients, ... producing a residual ...", yet, in paragraph 9, he says, "the language: a whitening filter with complex coefficients ... and an array of complex delay-Doppler shift coefficients, ... producing a residual ... is incomprehensible," and, therefore, not enabling.

In paragraph 5, the examiner says, "the specification does not provide enablement for the language: a communication system comprising a radio transmitter transmitting a signal which is interfered with by fixed reflectors and moving reflectors, said system comprising an antenna, a receiver and a multipath reduction subsystem ...", yet, in paragraph 9, he says, "the language: a communication system comprising a radio transmitter transmitting a signal which is interfered with by fixed reflectors and moving reflectors, said system